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AUTHORITY

CFSTI per ATD ltr 2 Dec 1965

400 794

AUTHORS: Gol'dbaum, I.Ya. and Zakharov, V.K.

TITLE: Interference-killing code for remotely controlled
             transmission systems

PERIODICAL: Priborostroyeniye, no. 10, 1962, 3-4

TEXT: The analysis of several codes shows that the code
"2 from 5" has a relatively high interference immunity and can there-
fore be used for the transmission of information. Two types of con-
verters of parallel 2 from 5 code into a series code, a converter of
binary-decimal code into a series 2 from 5 code and a receiving con-
verter of 2 from 5 code into an ordinary decimal code are described.
One of the first two is a ferrite matrix with rectangular hysteresis
loop. The other type utilizes the principle of "current steering".
The latter is stated to have the advantage of having no pulses of
complex shape at the output rails during the registration of the
code being formed and that current pulses of considerable magnitude
may be obtained (up to 1A with ferrite type ПП -24 (PP-24)). It

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Interference-killing ...

is stated that the circuits described can be used, after certain
modifications, for designing other types of code converters. There
are 2 tables and 3 figures.

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